

FIG. 1
(Prior Art)

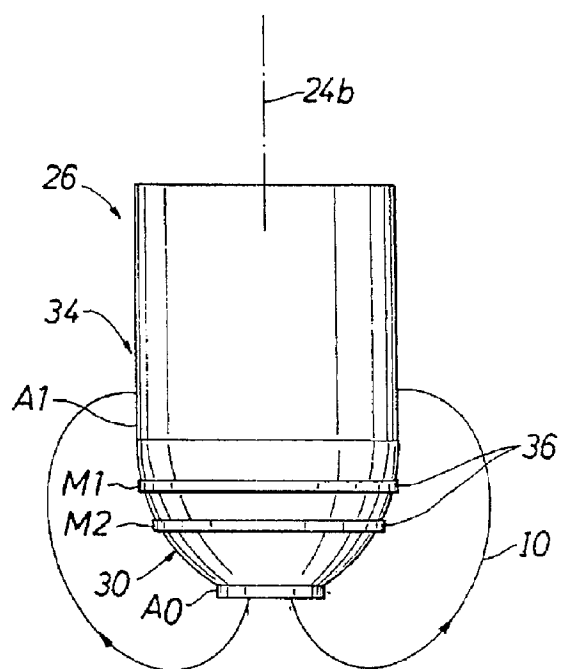


FIG. 2
(Prior Art)

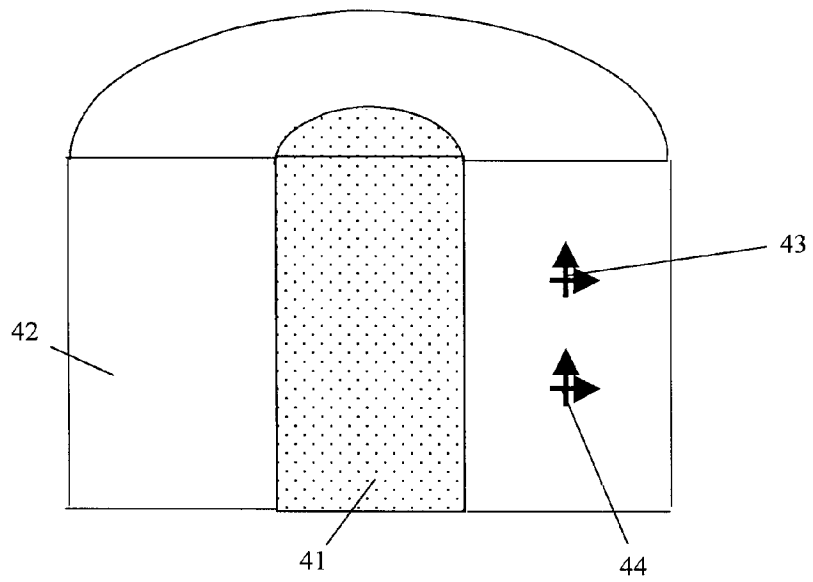


FIG. 3

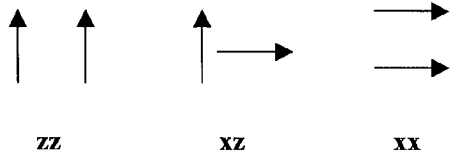


FIG. 4

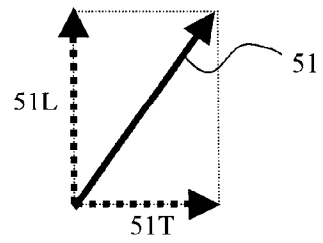


FIG. 5

$\sigma_m = 1 \text{ S/m}$ **XX measurement at $\phi = 180^\circ$**
 $\sigma_i = 1 \text{ mS/m}$
 $\sigma_t = 10 \text{ mS/m}$

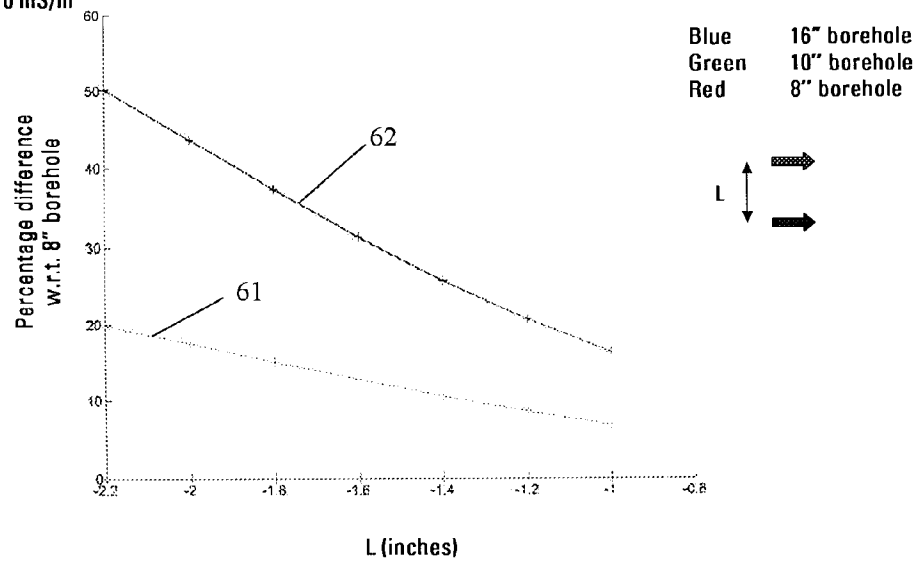


FIG. 6

$\sigma_m = 1 \text{ S/m}$ ZZ measurement at $\phi = 180^\circ$

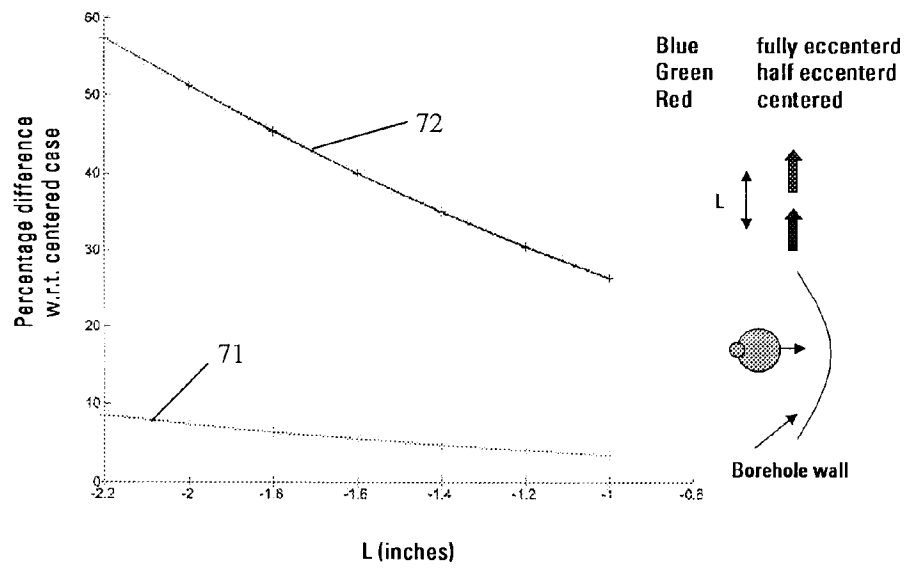


FIG. 7

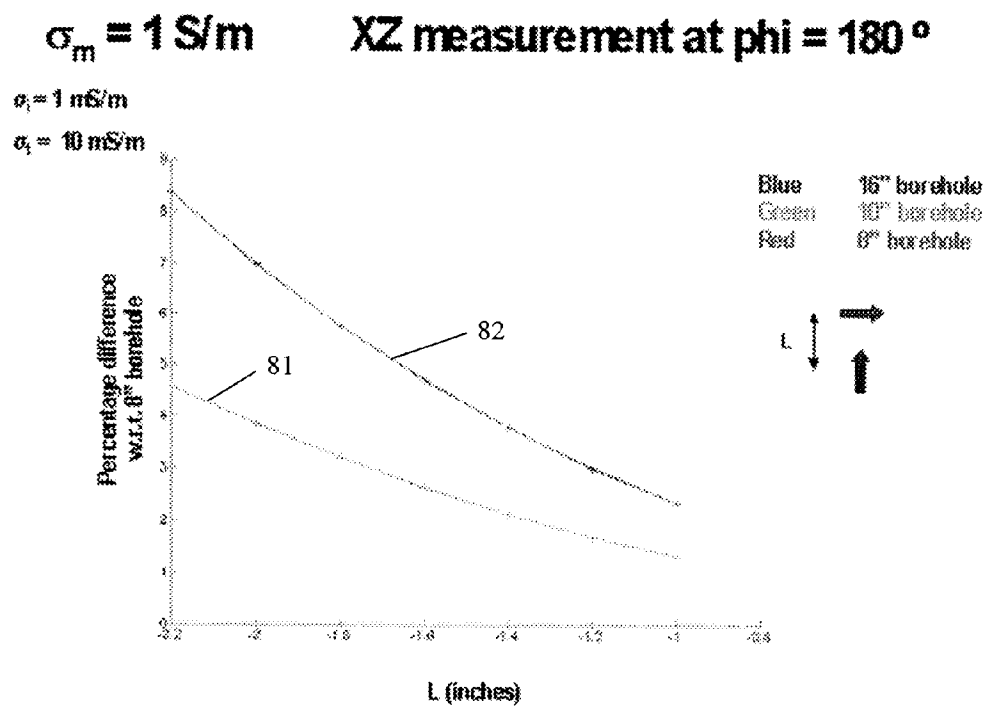


FIG. 8

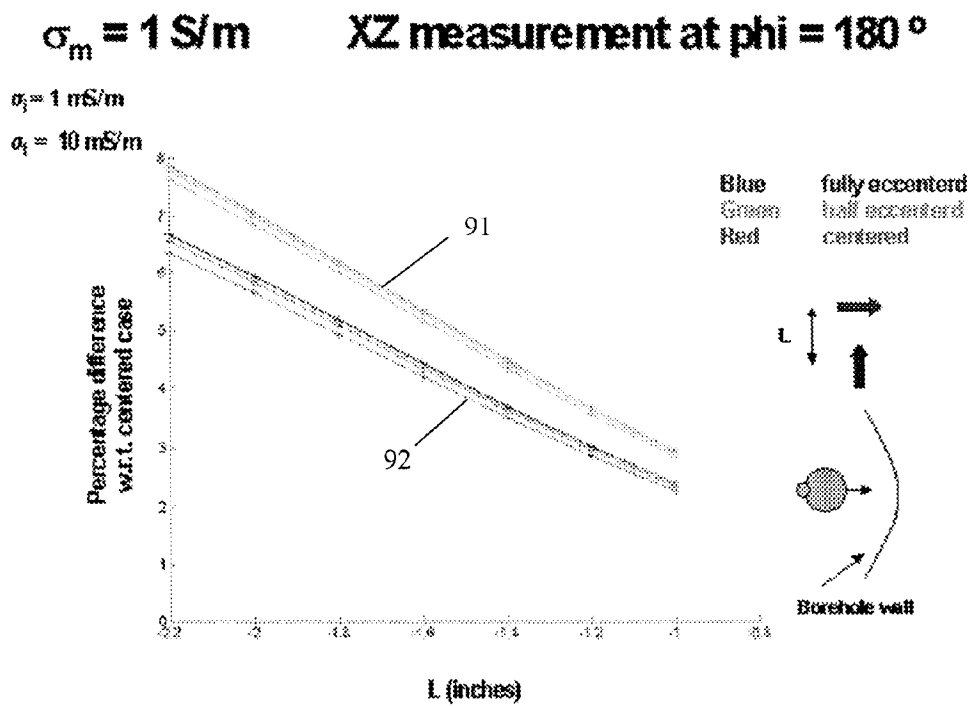


FIG. 9

$\sigma_m = 1 \text{ S/m}$ XZ measurement at $\phi = 180^\circ$

$\sigma_i = 1 \text{ mS/m}$

$\sigma_t = 10 \text{ mS/m}$

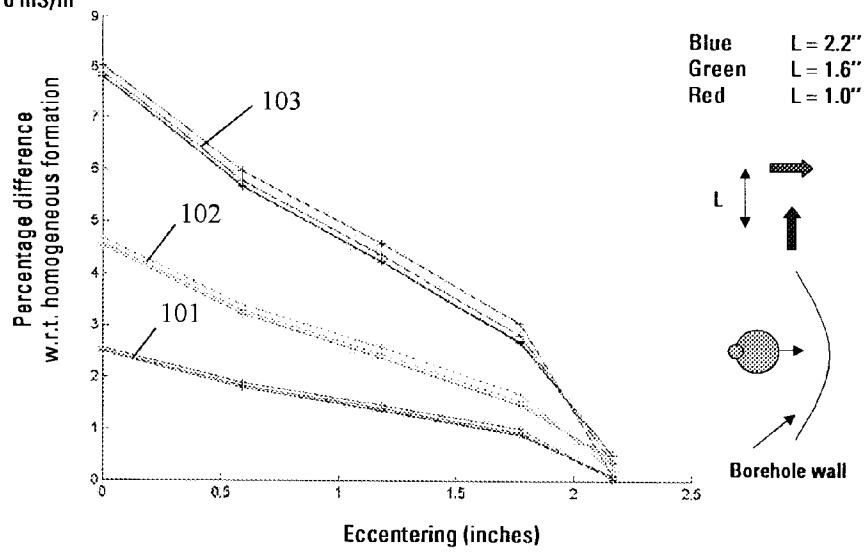


FIG. 10

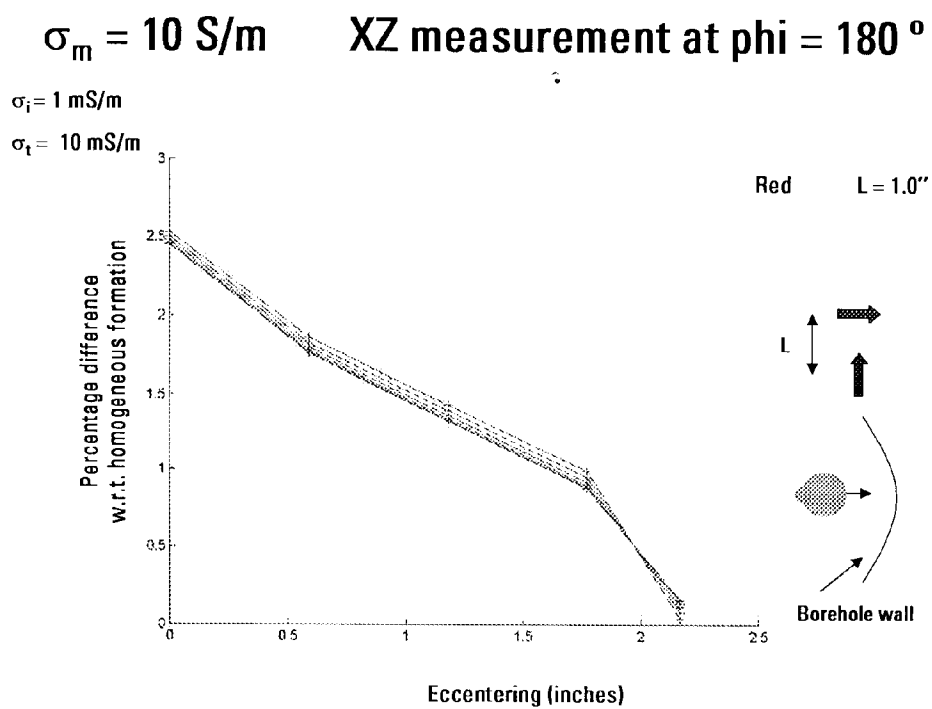


FIG. 11

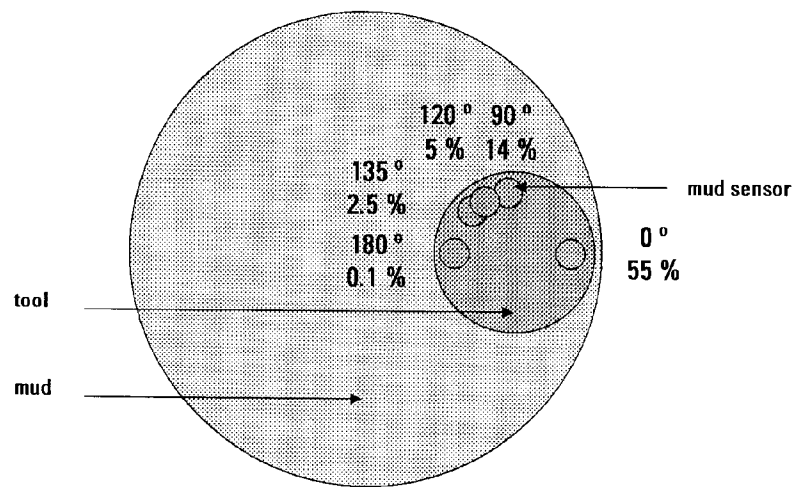


FIG. 12

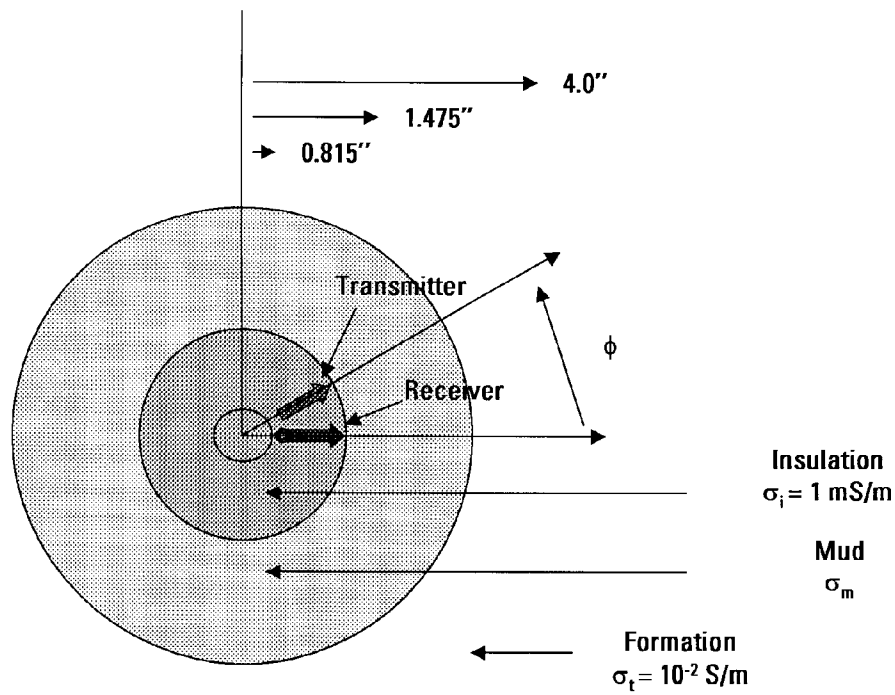


FIG. 13

$s_m = 1 \text{ S/m}$, XZ measurement, T 180° , R 150°

$\sigma_1 = 1 \text{ mS/m}$

$\sigma_2 = 10 \text{ mS/m}$

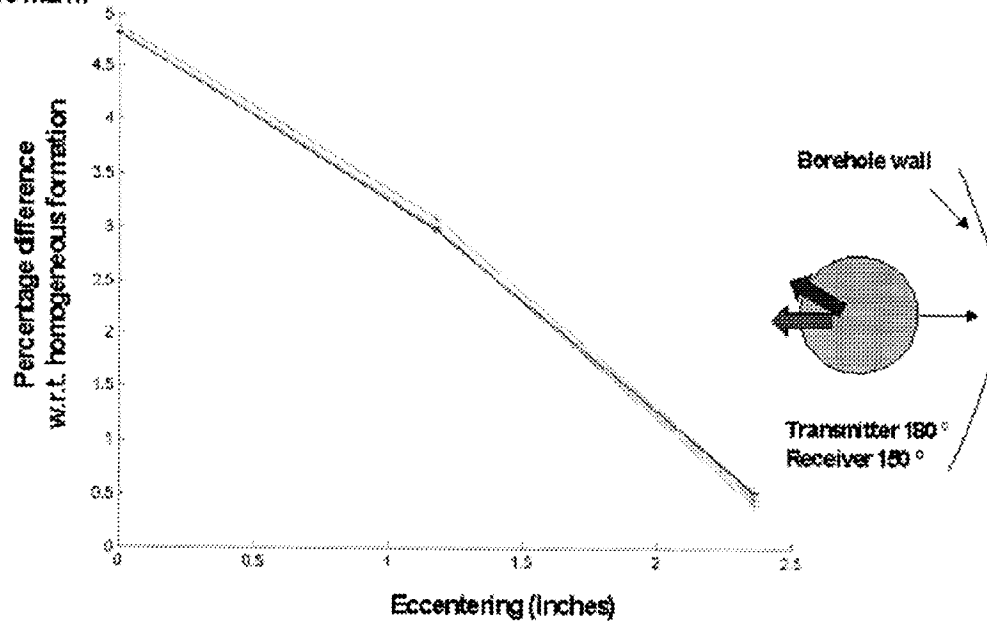


FIG. 14

$s_m = 1 \text{ S/m}$, XZ measurement, T 180° , R 135°

$\sigma_i = 1 \text{ mS/m}$

$\sigma_t = 10 \text{ mS/m}$

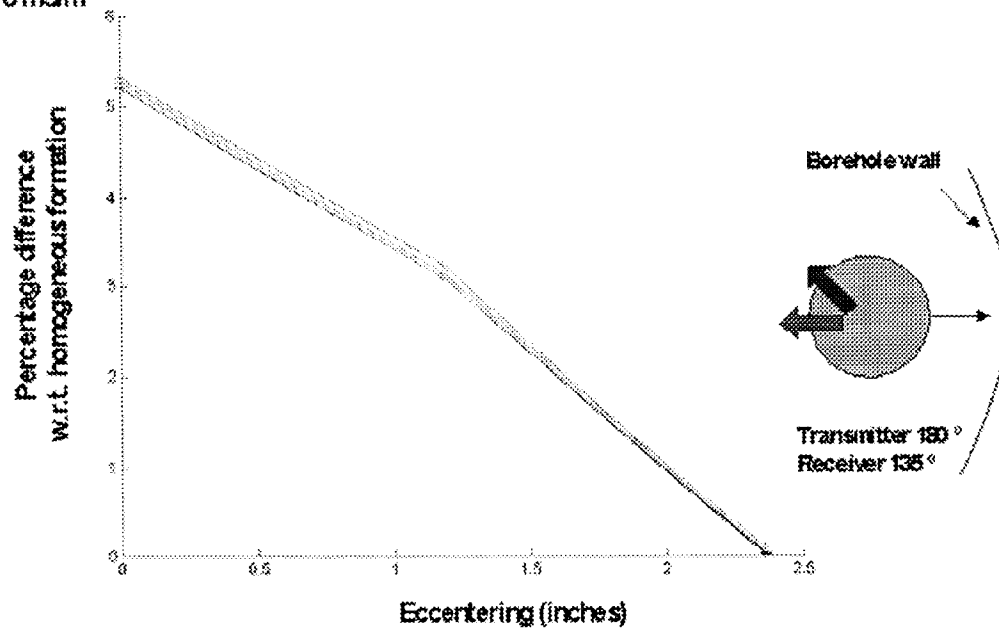


FIG. 15

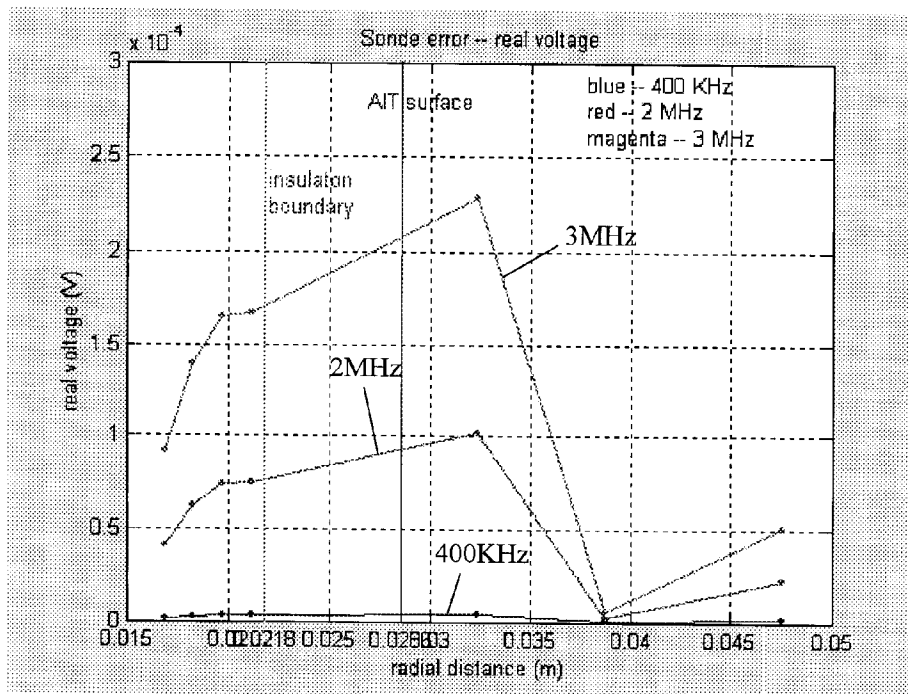


FIG. 16

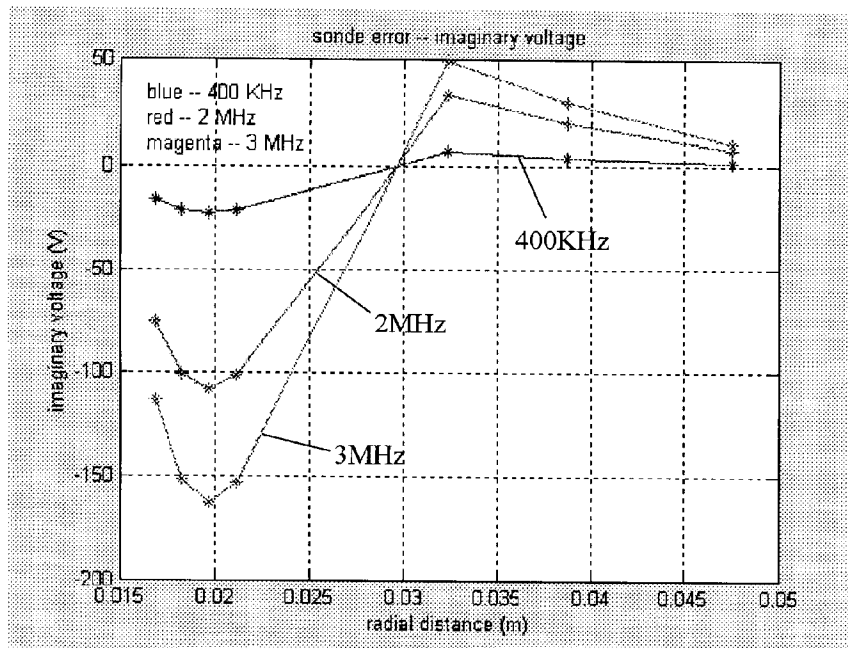


FIG. 17

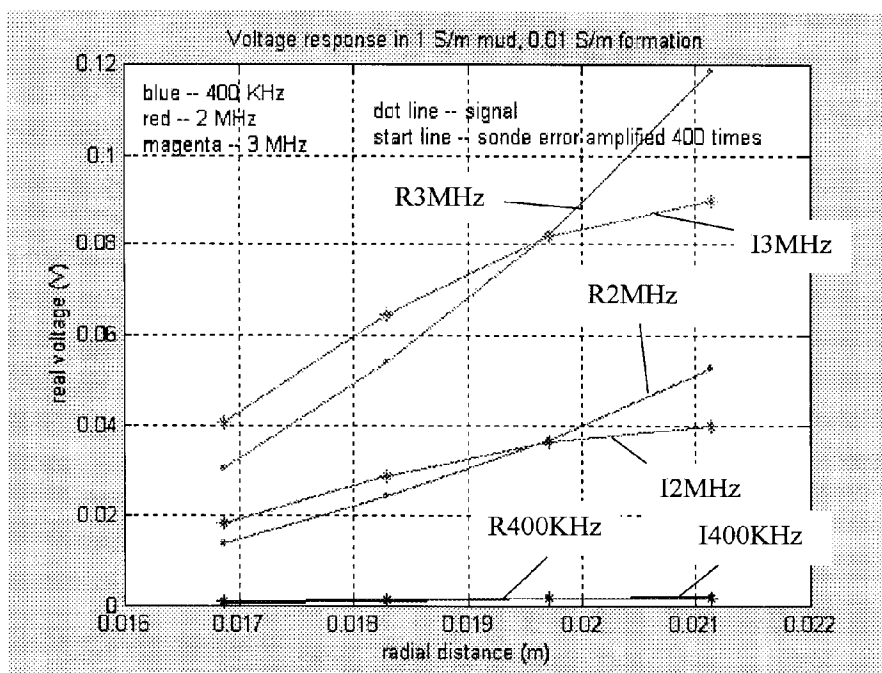
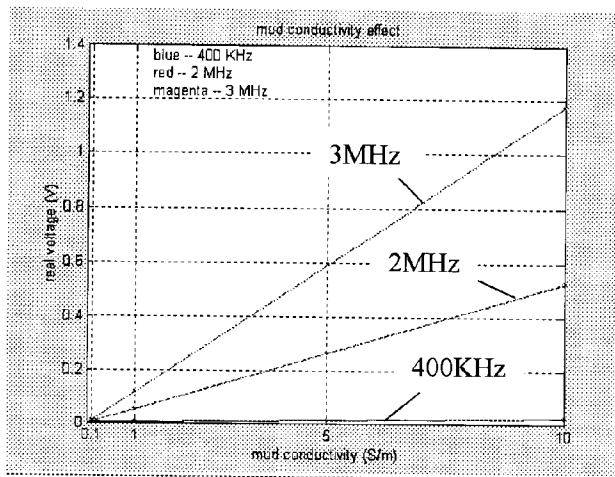
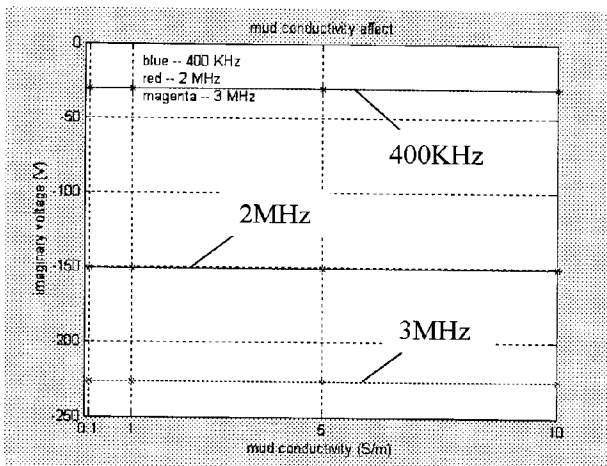


FIG. 18



(A)

FIG. 19



(B)

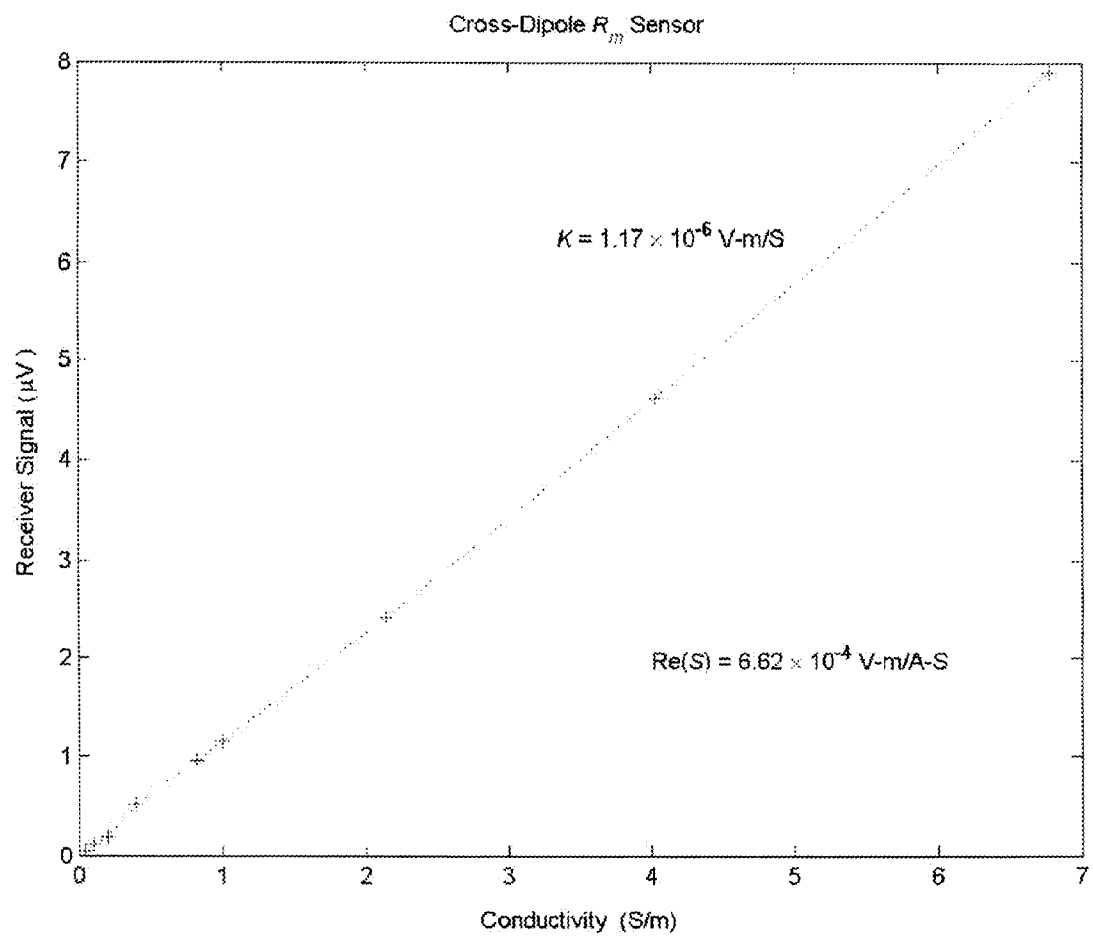
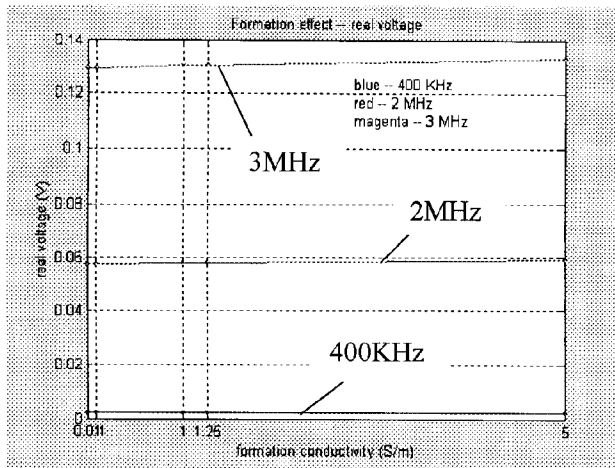
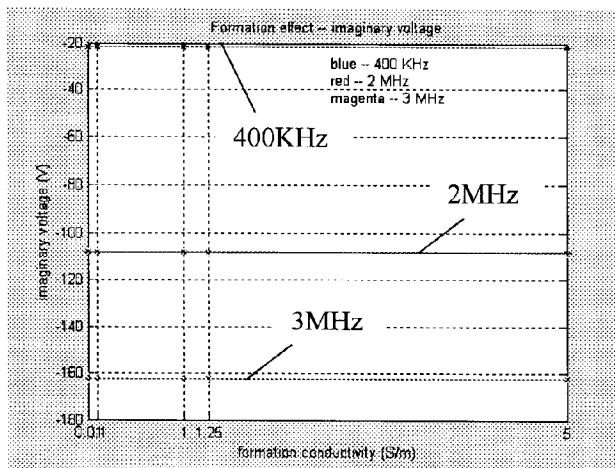


FIG. 19C

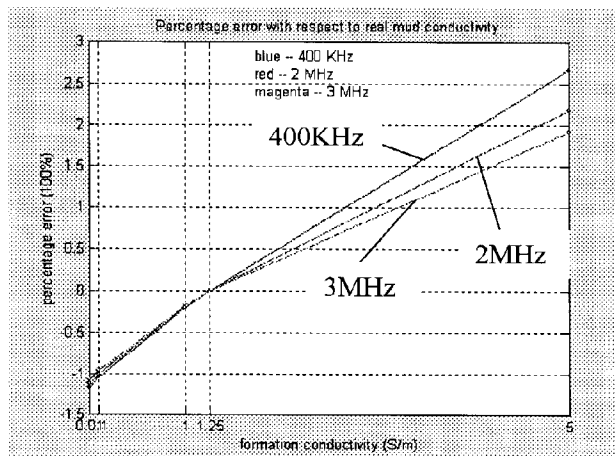


(A)



(B)

FIG. 20



(C)

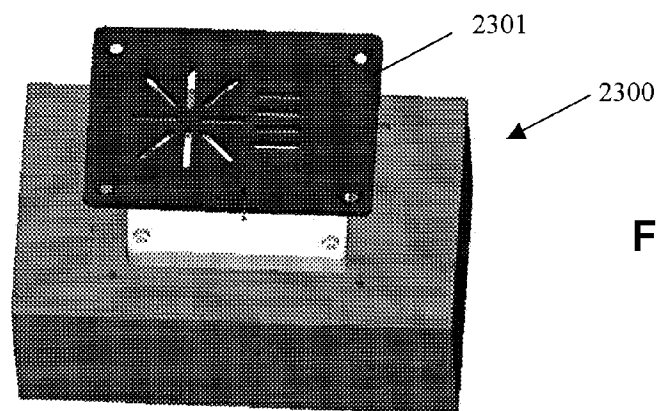


FIG. 23

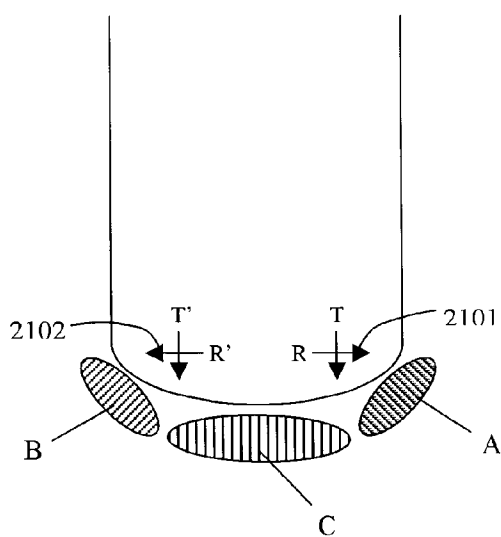


FIG. 21

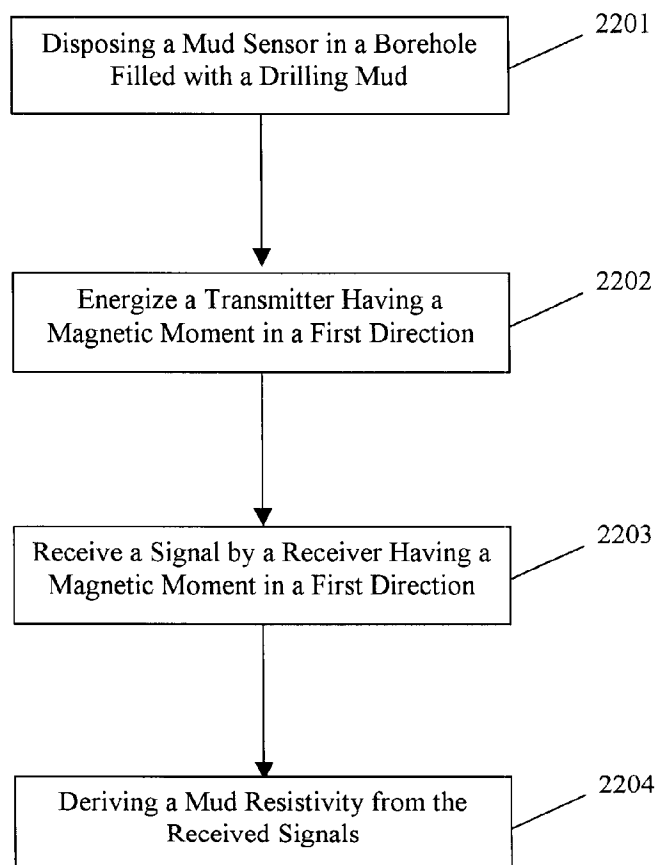


FIG. 22

